



## **DEPARTMENT OF TRANSPORTATION**

### **Federal Railroad Administration**

#### **[Docket Number FRA-2020-0062]**

#### **Petition for Waiver of Compliance**

Under part 211 of title 49 Code of Federal Regulations (CFR), this document provides the public notice that on July 16, 2020, the Florida Department of Transportation, Central Florida Rail Corridor/SunRail (CFRC) petitioned the Federal Railroad Administration (FRA) for a waiver of compliance from certain provisions of the Federal railroad safety regulations contained at 49 CFR part 236. FRA assigned the petition Docket Number FRA-2020-0062.

Specifically, CFRC seeks relief from the requirements of 49 CFR 236.109, *Time releases, timing relays, and timing devices*; § 236.377, *Approach locking*; § 236.378, *Time locking*; § 236.379, *Route locking*; § 236.380, *Indication locking*; and § 236.381, *Traffic locking*, on vital microprocessor-based systems. Many of CFRC's interlockings, control points, and other locations are controlled by solid-state vital microprocessor-based systems. These systems utilize programmed logic equations in lieu of relays or other mechanical components for control of both vital and non-vital functions. The logic does not change once a microprocessor-based system has been tested and locking tests are documented on installation. CFRC proposes to verify and test signal locking systems and non-configurable timers controlled by microprocessor-based equipment by use of alternative procedures every 4 years after initial baseline testing or program change as

follows:

- Verifying the cyclic redundancy check/check sum/universal control number of the existing location's specific application logic to the previously-tested version.
- Testing the appropriate interconnection to the associated signaling hardware equipment outside of the processor for switch indication, track indication, searchlight signal indication, approach locking (if external) to verify correct and intended inputs to and outputs from the processor are maintained.
- Analyze and compare the results of the 4-year alternative testing with the results of the baseline testing performed at the location and submit the results to FRA.

A copy of the petition, as well as any written communications concerning the petition, is available for review online at [www.regulations.gov](http://www.regulations.gov).

Interested parties are invited to participate in these proceedings by submitting written views, data, or comments. FRA does not anticipate scheduling a public hearing in connection with these proceedings since the facts do not appear to warrant a hearing. If any interested party desires an opportunity for oral comment, they should notify FRA, in writing, before the end of the comment period and specify the basis for their request.

All communications concerning these proceedings should identify the appropriate docket number and may be submitted by any of the following methods:

- Web site: <http://www.regulations.gov> Follow the online instructions for submitting comments.
- Fax: 202-493-2251.
- Mail: Docket Operations Facility, U.S. Department of Transportation, 1200 New Jersey Ave., SE, W12-140, Washington, DC 20590.

- Hand Delivery: 1200 New Jersey Ave., SE, Room W12-140, Washington, DC 20590, between 9 a.m. and 5 p.m., Monday through Friday, except Federal Holidays.

Communications received by **[INSERT DATE 45 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER]** will be considered by FRA before final action is taken. Comments received after that date will be considered if practicable.

Anyone can search the electronic form of any written communications and comments received into any of our dockets by the name of the individual submitting the comment (or signing the document, if submitted on behalf of an association, business, labor union, etc.). Under 5 U.S.C. 553(c), DOT solicits comments from the public to better inform its processes. DOT posts these comments, without edit, including any personal information the commenter provides, to [www.regulations.gov](http://www.regulations.gov), as described in the system of records notice (DOT/ALL-14 FDMS), which can be reviewed at [www.dot.gov/privacy](http://www.dot.gov/privacy). See also <http://www.regulations.gov/#!privacyNotice> for the privacy notice of [regulations.gov](http://www.regulations.gov).

Issued in Washington, DC.

**John Karl Alexy,**

*Associate Administrator for Railroad Safety*

*Chief Safety Officer.*

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